

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	13	Zhao-I\$.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/02/15 13:25
S2	4	S1 and graft	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/02/07 18:25
S3	2	("6824549").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/02/07 18:29
S4	1	2004-831003.NRAN.	DERWENT	AND	ON	2007/02/07 18:27
S5	20	(("6164281") or ("5908029") or ("5951589") or ("5645587") or ("4098571") or ("5968093") or ("5968090") or ("5766584") or ("6287317") or ("5624437")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/02/07 18:30
S6	2	("6171635").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/02/07 18:52
S7	0	seal\$-10 adj body adj5 fluid	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/02/07 18:57
S8	2713	sealing adj12 body adj5 fluid	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/02/07 18:57
S9	24	S8 and artificial and graft	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/02/07 19:06
S10	3	S9 and heparin	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/02/07 19:05

## EAST Search History

S11	20	(adherent or adhesive) adj50 (artificial adj12 graft)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/02/07 19:07
S12	14	ice adj7 graft	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/02/07 20:21
S13	2	(ice or frozen) adj12 artificial adj20 (vein or graft or lumen or mold)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/02/07 20:22
S14	2	(ice or frozen) adj12 artificial adj20 (vein or graft or lumen or mould)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/02/07 20:23
S15	0	(ice or frozen) adj20 graft adj40(vein or artery)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/02/07 20:23
S16	0	(ice or frozen) adj20 graft adj40 (vein or artery)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/02/07 20:23
S17	0	(ice or frozen) adj20 (vein or artery) adj12 artificial	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/02/07 20:24
S18	6	ice adj "27" casting	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/02/07 20:25
S19	500	ice adj27 casting	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/02/07 20:25
S20	3	S19 and (lumen or vein)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/02/07 20:25

## EAST Search History

S21	1	ice casting for repairing	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/02/07 20:45
S22	62	ice casting repairing severed tubes	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/02/07 20:45
S23	1395	cultured adj7 (vessels or vein or artery)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/02/07 20:48
S24	195	S23 and "in situ"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/02/07 20:48
S25	351	ice adj12 bypass	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/02/07 20:51
S26	61	S24 and heparin	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/02/07 20:50
S27	13	S25 and heparin	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/02/07 20:50
S28	21	ice adj bypass	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/02/07 20:51
S29	2	"6824549"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/02/07 21:03
S30	6	"6164281"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/02/07 21:03

## EAST Search History

S31	7	nonpyogenic fluid	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/02/13 12:11
S32	0	nonpyogenous fluid	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/02/13 12:11
S33	2417	pyogenous or pyogenic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/02/13 12:11
S34	1057	S33 and artificial and graft	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/02/13 12:11
S35	523	S34 and adhesive	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/02/13 12:11
S36	0	S35 and ((body adj fluid) adj5 (sealing or sealant or seal))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/02/13 12:12
S37	782	(body adj fluid) adj5 (sealing or sealant or seal)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/02/13 12:14
S38	0	S37 and (lumen and graft and matrix)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/02/13 12:13
S39	6253	(lumen and graft and matrix)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/02/13 12:13
S40	1448	(body adj fluid) and S39	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/02/13 12:14

## EAST Search History

S41	1448	S40 and (fibrin or collagen or trunk or stem or umbilical or pericyte or endothelium or epithelium or embryo or clone or (body adj fluid))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/02/13 12:15
S42	1349	S40 and (fibrin or collagen or trunk or stem or umbilical or pericyte or endothelium or epithelium or embryo or clone)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/02/13 12:16
S43	383	S42 and ((artery or vein or lumen) adj7 (graft or matrix))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/02/13 12:17
S44	307	S42 and ((artery or vein or lumen) adj2 (graft or matrix))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/02/13 12:17
S45	125	S42 and ((artery or vein or lumen) adj (graft or matrix))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/02/13 12:17
S46	105	S45 and heparin	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/02/13 12:17
S47	104	S46 and (laser or ice or needle or (water adj souble))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/02/13 12:18
S48	85	S46 and (ice or frozen)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/02/13 12:19
S49	85	S46 and (ice or frozen) and (salt or saline)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/02/13 12:25

## EAST Search History

S50	0	(("4366819(USPAT)") or ("4368736(USPAT)") or ("4441215(USPAT)") or ("4601718(USPAT)") or ("4854318(USPAT)") or ("4990131(USPAT)") or ("5188619(USPAT)") or ("5462529(USPAT)") or ("5556414(USPAT)") or ("5591183(USPAT)") or ("5593418(USPAT)") or ("5634895(USPAT)") or ("5681278(USPAT)") or ("5681336(USPAT)") or ("5707389(USPAT)") or ("5817013(USPAT)") or ("5817113(USPAT)") or ("5830224(USPAT)") or ("5865730(USPAT)") or ("5873889(USPAT)") or ("5893369(USPAT)") or ("5904697(USPAT)") or ("5922022(USPAT)") or ("5934284(USPAT)") or ("5947994(USPAT)") or ("5976168(USPAT)") or ("5980549(USPAT)") or ("5984864(USPAT)") or ("6007486(USPAT)") or ("6017352(USPAT)") or ("6019788(USPAT)") or ("6022313(USPAT)") or ("6026814(USPAT)") or ("6030395(USPAT)") or ("6036699(USPAT)") or ("6036705(USPAT)") or ("6056762(USPAT)") or ("6063114(USPAT)") or ("6077289(USPAT)") or ("6081738(USPAT)") or ("6099542(USPAT)") or ("6110187(USPAT)") or ("6126635(USPAT)") or ("6135991(USPAT)") or ("6155264(USPAT)") or ("6168604(USPAT)") or ("6171321(USPAT)") or ("6178968(USPAT)") or ("6183486(USPAT)") or ("6190353(USPAT")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/02/13 12:25
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## EAST Search History

S51	89	((("4366819") or ("4368736") or ("4441215") or ("4601718") or ("4854318") or ("4990131") or ("5188619") or ("5462529") or ("5556414") or ("5591183") or ("5593418") or ("5634895") or ("5681278") or ("5681336") or ("5707389") or ("5817013") or ("5817113") or ("5830224") or ("5865730") or ("5873889") or ("5893369") or ("5904697") or ("5922022") or ("5934284") or ("5947994") or ("5976168") or ("5980549") or ("5984864") or ("6007486") or ("6017352") or ("6019788") or ("6022313") or ("6026814") or ("6030395") or ("6036699") or ("6036705") or ("6056762") or ("6063114") or ("6077289") or ("6081738") or ("6099542") or ("6110187") or ("6126635") or ("6135991") or ("6155264") or ("6168604") or ("6171321") or ("6178968") or ("6183486") or ("6190353").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/02/13 14:22
S52	4	S51 and heparin	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/02/13 12:37
S53	31	S51 and (laser or needle or punch)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/02/13 12:38
S54	9	S51 and (punch)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/02/13 12:52
S55	13220	adhesive adj4 connection	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/02/13 12:52
S56	0	S55 and (vessel adj4 anastomasis)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/02/13 13:04

## EAST Search History

S57	0	(vessel adj4 anastomosis)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/02/13 12:53
S58	9	(vessel and anastomosis)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/02/13 12:53
S59	0	S55 and anastomasis	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/02/13 13:05
S60	261	S55 and artery	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/02/13 13:05
S61	4120	autograft	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/02/13 13:05
S62	0	S50 and S61	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/02/13 13:05
S63	2	S60 and S61	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/02/13 17:25
S64	2	("6164281").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/02/13 14:02
S65	2	("6171635").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/02/13 14:22
S66	4000	Chao-I\$.in. or Baker-J\$.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/02/13 14:28

## EAST Search History

S67	116	S66 and graft and material	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/02/13 14:29
S68	13	S67 and neovascularization	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/02/13 14:31
S69	0	S68 and heparin	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/02/13 14:29
S70	27	S66 and neovascularization	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/02/13 14:31
S71	6	(("7087577") or ("6211157") or ("6992066")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/02/13 15:49
S72	1	2003-625378.NRAN.	DERWENT	AND	ON	2007/02/13 14:44
S73	2	("6979829").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/02/13 16:01
S74	2	("6117911").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/02/13 16:10
S75	2	("6211157").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/02/13 16:10
S76	1	2000-052942.NRAN.	DERWENT	AND	ON	2007/02/13 16:11
S77	2	("6164281").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/02/13 16:23

## EAST Search History

S78	3093	blood adj7 fibrin	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/02/13 16:23
S79	139	S78 and neovascularization	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/02/13 16:23
S80	99	S79 and heparin	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/02/13 16:24
S81	2	S80 and (artificial adj graft)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/02/13 16:27
S82	2	("9617633").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/02/13 17:15
S83	2	("4978332").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/02/13 17:15
S84	2	("6964685").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/02/13 17:25
S85	1	("200078370").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/02/13 17:28
S86	2	("2000078370").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/02/13 17:25
S87	0	("20078370").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/02/13 17:25

## EAST Search History

S88	1	2001-112277.NRAN.	DERWENT	AND	ON	2007/02/13 17:26
S89	18	("8500511") or ("9213565") or ("9321857") or ("5171273").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/02/13 17:40
S90	2	("20020123805").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/02/13 18:28
S91	138	"3774615"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/02/13 18:28
S92	0	S91 and ice	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/02/13 18:28
S93	1	S91 and anastamosis	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/02/13 18:28
S94	2	("6,398,797").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/02/13 19:02
S95	2	("6964685").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/02/14 11:23
S96	2	("20020123805").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/02/14 11:23
S97	2	("5945300").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/02/15 13:35

## EAST Search History

S98	4	ptg13387	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/02/15 13:46
S99	2614	AD5 and transfer and vector	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/02/15 13:55
S100	2	("5945300").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/02/15 14:20
S101	1	1999-508171.NRAN.	DERWENT	AND	ON	2007/02/15 14:11
S102	2	("6534630").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/02/15 14:21
S103	2	("7026299").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/02/15 14:56
S104	2	("7132588").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/02/15 15:04
S105	2	("6656726").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/02/15 15:04